

Amendment to the Claims:

The following Listing of Claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) A non-white roofing shingle granule comprising:
 - a substrate comprising a granule;
 - a first reflective coating on at least a portion of an outer surface of the substrate, the coated substrate exhibiting a minimum direct solar reflectance value of at least about 25%, the first reflective coating comprising at least 50 vol % of an inorganic binder; and
 - a second reflective coating on at least a portion of the first reflective coating, wherein the combination of the first reflective coating and the second reflective coating provide the substrate with a reflectivity of at least about 20% at substantially all points in the wavelength range between 770 and 2500 nm;wherein the second reflective coating has a non-metallic appearance.
2. (Canceled)
3. (Canceled)
4. (Previously Presented) The non-white roofing shingle granule of claim 1 wherein the second reflective coating has an inorganic binder.
5. (Canceled)
6. (Canceled)
7. (Previously Presented) A non-white roofing shingle granule comprising:
 - a substrate comprising a granule;

a first reflective coating on at least a portion of an outer surface of the substrate, the coating substrate exhibiting a minimum direct solar reflectance value of at least about 25%, the first reflective coating comprising at least 50 vol % of an inorganic binder; and

a second reflective coating on at least a portion of the first reflective coating, wherein the combination of the first reflective coating and the second reflective coating provide the substrate with a summed reflectance value of at least about 7,000 as measured in the range between 770 and 2500 nm inclusive;
wherein the second reflective coating has a non-metallic appearance.

8. (Canceled)

9. (Canceled)

10. (Previously Presented) The non-white roofing shingle granule of claim 7 wherein the second reflective coating comprises an inorganic binder.

11. (Canceled)

12. (Canceled)

13. (**Currently Amended**) A method of producing a non-white roofing shingle granule surface comprising:

applying a first coating solution to at least a portion of an outer surface of a substrate comprising a granule;

curing the first coating solution to form a first reflective coating to form a coated substrate, the first reflective coating exhibiting a minimum direct solar reflectance value of at least about 25%, and the first reflective coating comprising at least 50 vol % of an inorganic binder;

applying a second coating solution over at least a portion of the coated substrate; and

curing the second coating solution to form second reflective coating wherein the combination of the first reflective coating and the ~~discontinuous~~ second reflective coating provide at least one of

(i) a reflectivity of at least about 20% at substantially all points in the wavelength range between 770 and 2500 nm, and

(ii) a summed reflectance value of at least 7000 as measured in the range between 770 and 2500 nm inclusive;

wherein the second reflective coating has a non-metallic appearance.

14. (Canceled)

15. (Canceled)

16. (Previously Presented) A non-white roofing shingle granule comprising:

an inorganic, non-metallic substrate comprising a granule;

a first reflective coating on at least a portion of an outer surface of the substrate, the coated substrate exhibiting a minimum direct solar reflectance value of at least about 25%, the first reflective coating comprising at least 50 vol % of an inorganic binder; and

a second reflective coating on at least a portion of the first reflective coating, wherein the combination of the first reflective coating and the second reflective coating provide the substrate with at least one of (i) a reflectivity of at least about 20% at substantially all points in the wavelength range between 770 and 2500 nm, and (ii) a summed reflectance value of at least 7000 as measured in the range between 770 and 2500 nm inclusive;

wherein the second reflective coating has a non-metallic appearance.

17. (Canceled)

18. (Canceled)

19. (Previously Presented) The non-white roofing shingle granule of claim 16 wherein the second reflective coating has an inorganic binder.

20. (Canceled)

21. (Canceled)

22. (Canceled)

23. (Previously Presented) The non-white roofing shingle granule of claim 1 wherein the second reflective coating comprises a colored pigment having enhanced NIR reflectivity selected from the group consisting of a black colored pigment, a brown colored pigment, a green colored pigment, and combinations thereof.

24.(Previously Presented) The non-white roofing shingle granule of claim 1 wherein the second reflective coating comprises a colored pigment having enhanced NIR reflectivity selected from the group consisting of a yellow colored pigment, a blue colored pigment, a red colored pigment, and combinations thereof.

25.(Previously Presented) The non-white roofing shingle granule of claim 7 wherein the second reflective coating comprises a colored pigment having enhanced NIR reflectivity selected from the group consisting of a black colored pigment, a brown colored pigment, and combinations thereof.

26.(Previously Presented) The non-white roofing shingle granule of claim 7 wherein the second reflective coating comprises a colored pigment having enhanced NIR reflectivity selected from the group consisting of a yellow colored pigment, a blue colored pigment, a red colored pigment, a green colored pigment, and combinations thereof.

27.(Previously Presented) The method of claim 13, wherein the applying a second coating solution step comprises applying a second coating solution over at least a portion of the coated substrate, the second coating solution comprising a colored pigment having enhanced NIR reflectivity selected from the group consisting of a black colored pigment, a brown colored pigment, a red colored pigment, and combinations thereof.

28.(Previously Presented) The method of claim 13, wherein the applying a second coating solution step comprises applying a second coating solution over at least a portion of the coated substrate, the second coating solution comprising a colored pigment having enhanced NIR reflectivity selected from the group consisting of a blue colored pigment, a yellow colored pigment, a green colored pigment, and combinations thereof.

29-35. (Canceled)